HARVARD GETS **FULL POWER** FROM ELEVEN

Princeton Coach Tells About System of Getting Every Man in Eeach Play.

By W. W. (BILL) ROPER.

IMAGINE there will be very little exception taken to the state-ment that in the last ten years Harvard football teams have played the most consistent, up-to-date and brainy football of any teams in the ntry. The Crimson may have had an off year or so, but, since 1910, they have been beaten once by Yale and once by Princeton. Truly a remarkable record.

The rejuvenation of Harvard foot-

ball really dates from the Harvard-Yale game of 1907. In this contale game of 1907. In this contest, contrary to general expectations, the Harvard players put up a fine individual exhibition, but shewed an utter lack of team work. The whole season had been particularly disastrous, and the eleven's individual play against a very formidable Yale team was a great surprise. This game however proved prise. This game, however, proved a very good illustration of how impossible it was for any team, no matter what the individual spirit of its members, to cope with an opponent who had been drilled

ng proper lines. Divious though it may seem, I don't ok many Harvard men realized, unil that game, that no play is a good that game, that no play is a good one which does not use every man on the team and that the best formation is the one which includes every man to the full limit of his individual owers. A man wasted is a play spoiled, however good its occasional result may happen to be. If a drive intected at the right leaves a left end stabilitation of the st with little or no part in it, there is something radically wrong with the drive itself, and the team which is aught on that basis will also lose to elevens inferior in power but better coached which waste mobody.

Haughton Changed Harvard. ith the advent of Haughton, the ulum at Harvard swung the other with a vengence. I have never such exhibitions of concerted play as his masterful elevens shown.

Plays, as I see them, are something like words. Some of them may convey a complete meaning when used alone. Times sports pages this lain.
Watch for them. Don't miss one. They will repay you for the time spent in reading them.

It is this correlation of plays which has been the very life of the Harvard has been the very life of the Harvard for effective line attack of this sort. ut they are most effective when ar-

tem of attack. Haughton and her have furnished an equipment formations and plays from them attack would have been effective as it has been, except for the very efficient use of the hidden play ball, originated by Warner, but highly

ogeneous attack. Then the rules prohibiting pulling pushing went into effect, I was dubious whether offensive line was going to figure to any great ns has shown that offensive line is about as important as it ever

e entire Harvard attack has been licated upon the play of the line.
offense, the designation of the line disregarded entirely. Four men all possibilities of the fumble, so ever present in the ordinary criss-cross placed on what has been known the strong side of the line. These have been drilled and drilled against their "hidden ball" plays, and time after time they have been worked be two tackles with a guard and successfully against them.

two other line men, an end with does not consider the forward pass and or tackle always flank the is the light of a stock running play on the weak side. The same to the same extent as do some other to the same extent as do some other to the same two. They naturally become very much accustomed to each other's style of play. An element of uncertainty is introduced at the very staft by the roll of the offensive line. It is apt to shift several times before the ball is put in play.

In shifting one side will always pass in front of the center and one side of the same extent as do some other teams. Though they will use it and use it repeatedly if they are forced to, as example, the last quarter against Princeton, 1919 and 1920.

The pass is usually well masked, starting as a simple running play, but with the pass often going the other way.

While Fisher's work at Harvard in front of the center and one side of

In shifting one side will always pass in front of the center and one side of the line always behind. It is important for the defensive line on any unbalanced offensive line formation to shift a corresponding number of positions, thus meeting the offensive strength. Simple as this may seem, it is often hard in reality to get a defensive line to shift for consists the matural query? In the last two games against Princeton and Yale, the Harvard attack has not worked as smoothly, and it has been sive line to shift far enough, the guards especially always like to hug the center and the tackles will also that have saved the day.

frequently get out of place. This shift-ing of the Harvard line has a tendency further confuse the opposing line. Requires "Close Line." is a fundamental in offensive line

play for the entire line with the excep-tion of the ends, to play what is term-ed e close line. Of course, some teams ed a close line. Of course, some teams follow this rule much better than others. I never remember seeing any line men sift through the Harvard of fense and spoil plays before they get started. The line has been well coached to stay compactly together so that the backs always get plenty of start. The Harvard theory of offensive line play has disregarded the idea of making openings. While this idea is not original with the Crimson, they have developed it to a remarkable extent.

Basically, the most effective attack has always consisted of "getting there fastest with the most men" just as it did when General Forrest applied it to the science of warfare. In the good old days of "push and pull," Yale had a decided edge on both Harvard and Princeton as far as offensive line play went.

splendid. There is all sorts of the open, running game. Buell and Fitzgerald are two splendid quartant little to choose between While they depended upon a plan of tack based primarily upon the rength and weight, they certainly of everyone around the man with the dl. There would be no attempt to the an opening for the runner; the hole line would stick together with the man carrying the ball following being and practically the entire team alting and pushing.

The Harvard theory of line play is alt along the same general lines. The tacks never look for openings nor does the try to make them. The idea that by keeping a compact offenver front and starting ahead slowly first with increasing momentum as a line gets under way, the defensive

irst with increasing momentum as line gets under way, the defensive Braves in 1914, has taken to the ring. Will break at the point of attack the man with the ball will slip a few weeks at Oakland, Cal., in a bugh. In mid-field especially, the

HERE ARE COACHES OF SOME OF THE LEADING GRID ELEVENS



followers of America's great

college game, will be an added

feature of The Washington

Hidden Ball Play Success.

The Harvard offensive

ished to see something a little dif-ferent in the way of an offense by

the time the big games come around

this fall. The Harvard attack has been working along very similar

lines for over ten years row, and I question it if it isn't the part of

The material also makes me think

James Now a Boxer.

WARNER FIXES ON TENTATIVE

Successful coach of Harvard's var-sity eleven since Percy Haughton retired. BOB FISHER,

Shift of All-American Center to End Among Coach's Start- BILLY GOOCH ling Changes From 1920.

PITTSBURGH, Sept. 17.—With the University of Pittsburgh football team having practiced for over a week at Camp Hamilton, Windber, Coach Glenn Warner has been able to get a line on the candidates and has picked a tentative first team. As the season advances he may make some shifts but now it looks as though he will start the combination against Geneva col-The idea of the hidden ball is to decieve the defensive by making it appear as if the play was going in one way while in reality it goes another. I have never seen such per-fect deception. The beauty of the play lies in the fict that the ball never changes hands, thus avoiding all possibilities of the fumble, so ever present in the ordinary crissthe combination against Geneva colthe combination against Geneva col-lege in the opener September 24 at Beaver Falls. The team consists of Charlie Bowser at center, Jack Sack and Harry Seidelson at guards, John McLean and Harvey Harman at tackles, Frank Williams and Herb Stein at ends, Tom Holleran at quarter, John Anderson and Tom Davies at halves and Orville Hewitt full-

> This team gives Warner a line that averages 184 pounds from tackle to able ground gainer. tackle. The two ends average 179 and the backs 171, Hewitt's 204 pounds of beef boosting up the average. Anderson weighs 160, Holleran 167 and

Warner Makes Shifts.

This team presents several startling shifts from the 1920 combination, chief of them being the shifting of Camp's is showing up well at the position. John McLean, who has been heretofore used at guard, goes to tackle and Sack goes from tackle to guard. Bowser, who will take Stein's place at center, was first substitute last year and was so good that it seemed a hard-ship to keep him out of regular play. Seidelson is the only man picked thus far from the 1920 freshman outfit. He played a bang-up game on Coach Kerr's yearlings and seems this possible. Last fall the strength of the Harvard team was in its remark-pounds. Other 1920 freshmen playable line, most of whom will not return. Instead of a string of veterans, the Harvard conductions of veterans, and who will make a string of veterans. turn. Instead of a string of veterans, the Harvard coaches will have to drill a comparatively green line, with the exception of one guard and the ends. While they always have splendid material at Cambridge, the Harvard offensive line attack depends upon drill and nothing else. Possibly the coaches may think their time can be better spent along other lines.

The material for the back-field is splendid. There is all sorts of stuff for the open, running game. Buell and who will make a stiff fight for

Indian Aids Coach. The team will remain in camp until September 23, and should be in naturally be all the better. In fact, I think he is the best back since Eddie Mahon. Churchill is a very fast end runner and clever dodger, while Fitts is fast and a long punter. This trio with either Bueil or Fitzby his old teacher, Warner. Progradd make as dangerous a backfield as you could hope to find, and I certainly will not be astonished if Harvard epens up the game to a greater extent than she has done before.

In fact, I thyette game to giving the coaches a lot of concern, C as "Jock" Sutherland is known to have a fine lot of material. His public to be have a fine lot of material. His public to be able to pack is also respected by his old teacher, Warner. Provided the Pittsburgh Pirates do not win the pennant, the opening game at Pittsburgh will be with West Virginia October 8. This game is expected to pack Forbes field with a crowd of about 30,000 fans.

Coach Warner has been assisted in the coaching by "Lone Star" Dietz. g. former Carlisle Indian player and in now head coach at Purdue University; "Pat" Herron, former Pitt end, and several alumni assistants.

At top is Hugo Bezdek, who turned out such a powerful team at Penn State last fall, and hopes to repeat this year. At the bottom is Buck O'Neill, now in his second season at Columbia.

BACK TO HELP VIRGINIA TEAM

Backfield Star of 1916 Is Expected to Aid Materially in Coaching at Charlottesville.

HARLOTTESVILLE, Va., Sept will aid Head Coach Warren in the task of whipping Virginia's football warriors into shape will be joined by Billy Gooch, of Richmond, former backfielder of the university eleven. Gooch won his V with the 1916 team, and, playing alternately in half and quarter back, he was relied upon as a competent general and a depend-

Since leaving the university, Gooch has become prominent in athletic ginia's coaching this season are Ted which comes Monday with scrim-Bowen, of Crozet, Va., Harris Cole-man, of Louisville, Ky., and Beve Prep school reputation will be for

Dr. Pollard played quarterback on the varsity during the seasons of 1902-1905, inclusive, and returned as assistant coach in 1907, '08 and '10. From 1908 to 1911, Ted Bowen held down one end on the varsity 'line, and has assisted in the coaching during several other seasons. Coleman was a guard on the memorable 1915.

The appointment of "Hiker" Joy outfit, which distinguished itself by preventing the Crimsons from cross-lettle board will mean a great seal to be proved the graduate athermal coach will mean a great seal to be proved the graduate athermal coach will mean a great seal to be proved the graduate athermal coach will mean a great seal to be past records, will stand on equal terms in the eyes of Coach Cavanaugh. During the preliminary practice, many of the candidates stood out as being likely first-line material. Monday they will have a chance to prove themselves.

fire-eater, Foster Sanford, veteran coach of the Rutgers eleven, while below him is Bill Roper, Prince-ton's victorious coach and an ex-pert writer of football for The Washington Times. PENN STATE'S

At the top is the bespectacled

COACHES AWAIT **OPENING GAME**

Action Against Lebanon Valley Next Saturday.

inclined to let the task of actual foot

ball playing slip into another week before it is ordered. As the opening game is scheduled for next Saturday

only 185. Jones has installed, however, D. B

TATE COLLEGE, Pa., Sept. 17.

where they come from or what their past records, will stand on equal terms in the eyes of Coach Cavanaugh. During the preliminary practice, many of the candidates stood out as being likely first-line material. Monday they will have a chance to prove themselves.

The appointment of "Hiker" Joy as line coach by the graduate athletic board will mean a great deal to only veterans in the above lineup.

Where they come from or what their past tream lined up with Hamilton, center; Baer and Mc lined up with H

EIGHT OF NAVY REGULARS BACK FOR THE YEAR

All Told, Sixty Candidates Are Out at Annapolis to Make Gridiron Team.

By HUGH B. RILEY.

By HUGH E. RILEY.

A NNAPOLIS, Md., Sept. 17.—
Preparation for the football season of 1921 made a real start at the Naval Academy this week, the squad of old players, numbering sixty, returning on Thursday. Among them were eight of the regulars of last year, a number of high-grade substitutes and the members of the second and class elevens who had done enough work to warrant an advance to the first squad. The week also marked an ending of the special attention which has been given to the squad from the new fourth class. Ten or twelve of these have shown sufficint aptitude to be designated for the first squad. About thirty more will be assigned to the second squad, and some sixty more given a further trial as members of their class squad.

The new class has yielded a gratifying number of youths who promise to make their mark, if not during the coming season at some future period of their connection with the academy. While the coaches have tried to make the most of all the material offered by the new class, without reference to the positions for which the different members were trying, a special effort has been made to develop guards and ends, these being the positions to be filled on the varsity team, and also to make the most of any kicking material which was at hand, there being a great lack here.

Guards Are Lost.

Guards Are Lost. Both guards, Moore and Willkie,

were lost by graduation, and, though were lost by graduation, and, though there are some good men on the old squad, the team needs more competition as to this position. Not only will two strong men have to be found as regulars, but several good substitutes are needed. The new class has brought out at least two men who have the requisite weight and strength, and look like strong possibilities. Long, the former Swarthmore guard, weighs 208, while Hudgins, a most powerful fellow from the Tennessee mountains, tips at 222 pounds.

Tad Selects Big Men for Frontier Work at Old Eli—Quaile Put at Tackle.

NEW HAVEN, Conn., Sept. 17.—Head Coach Tad Jones, of the Yale eleven, today admitted that it is extremely doubtful whether scrimaging will be ordered at any practice soon. Only two days of the coaches have alleft end of last year, is again availleft end of last year, is again available, and Titus, the lacrosse player, and Flaherty, both good substitutes last season, are again on the field.

practice soon. Only two days of signal rehearsal have been possible in the week and a half drill, nd Jones and his resident coaching staff are These Two Look Good. Two well-qualified players have been moved from the detachment of backfield candidates to that of the end. The yare Taylor, a specially strong and active youth who has been doing excellent work at his old posigame is scheduled for next Saturday, only two or three days of scrimmaging will be possible before the initial kick-off.

Jones has moved toward getting a heavier rush line than last year, but tion, and Waters, also a player of promise. There seems to be a wealth of backfield material, and these two high-grade players will be coached as ends. Stols, a lusty and active youth of 180 pounds, is the best find among the new men for this po-

Recognizing the weakness in the kicking field, the Navy coaches intend to remedy it. King, who plays at tackle, is an average punter, as

at tackle, is an average punter, as punters on college teams go, but it is not always expedient for him to drop back from his position. Noyes and Koehler, regular backs, were both fair punters last season, but the team needs a much better punter than any it had last year.

Noyes did not go on leave, and has been spending most of the practice period punting. He has improved greatly and may be rated well on his high kicks, but is not yet up to the standard on low drives and spiral punts.

During part of this week he has had the help of the skilful conching of Shorty O'Brien, formerly of Swarthmore, and Commander How-Academy ever had, will take him, with other backs, in charge a little

Navy's First Lineup.

The first tentative line-up of the Navy varsity will probably be: Left guard, Carney; center, Larsen (captain); right guard, Frawley; right tackle, King; right end, Titus; quarterback, Koehler; left half, Conroy; right half, McKee or Noyes; fullback.

All except Carney, Frawley and Titus were regulars of last season. Prespects are far better than at the beginning of last year, and the feel-ing is general that with games against Princeton, Pennsylvania State and the Army, the Navy has the best chance in its history to reach the highest ranks in the great college sport. The start will be made against North Carolina State on Saturday.

October 1.

The coaching staff is particularly large and competent. Bob Folwell will be at the head for his second year. will be at the head for his second year, and his chief assistant will be Lieut. Comdr. W. A. Richardson. The Navy men who will assist are Washburn, Scaffe. Perry, Ewen, Butler, Welchel and Moore, with Johnny Wilson, formerly coach at St. John's. The latter will have special charge of the second team, an important post. Schuts and Dougherty, of the physical training department, will be the trainers.



17.—The corps of assistants who BOSTON COLLEGE **GETS HIKER JOY** TO COACH LINE Former Holy Cross Star Con-

circles throughout the State, both as eighty-ood aspirants for the Bos-a football official and as a member ton College eleven coveted positions of various athletic teams of Rich-worked hard to condition themselves mond. Others who will assist in Vir- for the first real test of their worth

Prep school reputation will be forgotten in the scuffle Monday, and the men with the stuff, no matter

preventing the Crimsons from crossing the goal line, and defeating Yale.
He also captained the team in 1916,
and returned as head coach in the
fall of 1919.

Making No Boasts.

As line coach by the grantate at the lineup. Shell and Hufford are the only veterans in the above lineup.

The second team has been pushing the verely handicapped without the aid of a line coach, as the backfield candidates, especially the quarterbacks, and entirely new first team lineup may plugging through the season on the second.

Making No Boasts.

One week before the game with Davidson, which opens the season for Virginia, things are looking encourse. The continue of the season of Virginia, things are looking encourse in the case of the season of Virginia, things are looking encourse in the case of the season of Virginia, things are looking encourse in the case of the season of the season of the season of Virginia, things are looking encourse in billding up good of the season will be marked by a strenuous schedule. Coach Warren has gotter the square down to serious bishness. In the two lended by a steedily increasing square of the season of the seas

At the top is seen Gil Dobie, he undertaker coaching Cornell's gridiron warriors. In the middle is Johnny Heisman, who is trying to teach his "Georgia shift" to the Penn squad. At the bottom is Tad Jones, who is coaching Yale's eleven for the second season.

Preparing for the opening game of the season next Sat-urday with Lebanon Valley College, the Penn State coaches have put in an arduous week of sorting, sifting and changing. The return of almost a dozen men from the hospital squad this week gave Hugo Dezdek and his this week gave Hugo Dezdek and his assistants their first chance to see the full squad of forty-six men in action; and as a result greater progress was made than during the first two weeks.

The heat begun at the center rush he has begun at the center rush position with the opposite thought in mind, because he has deposed Harry Cross, jr., who returned to college weighing 234 pounds, and substituted A. C. Norris, who tips the scales at

The coaches are anxious for the reason to open for they want to see Hidden, a 210-pounder, at one guard sidered Valuable Acquisition for New Enginaders.

Boston, Sept. 17.—Preliminary practice is over at University Heights. For two weeks the eighty-ood aspirants for the Boston College eleven coveted positions to College eleven coveted positions. The september of was beaten 109 to 7 last year, there is no tendency to take the game easy this fall; for the Lions were at the top of their game when they met the Annville Collegians a year ago. Coming as the opening game, the visitors should prove to be a much harder nut to crack.

Bezdek has selected no varsity as yet, although he lines up a first and second team each day. During the early half of the week, the first team lined up with Hamilton, center; Baer